

CODIB-D-111/1.9/10
2 December 1966

UNITED STATES INTELLIGENCE BOARD
COMMITTEE ON DOCUMENTATION

MEMORANDUM FOR: Committee on Documentation

SUBJECT: USIB File and Program Catalog System (FPCS)

REFERENCE: CODIB-D-111/1.9/8 of 6 October 1966

1. Paragraph 3 of reference stated that CODIB Support Staff would attempt to arrange distribution of DIA's file and program catalogs to assist CODIB members in establishing the format and distribution requirements of the USIB FPCS catalogs. The size of the DIA catalogs (665 pages for the program catalog and 383 pages for the file catalog) has made this approach impractical. Consequently, it has been decided to distribute only a sample page from each catalog together with extracts from DIA's system output specifications. A copy of each Secret level file and program catalog is on file in the CODIB Support Staff.

2. Attachments 1 and 3 are sample pages from DIA's Secret level file and program catalogs, respectively. Attachments 2 and 4 are simplified diagrams of the file and program output formats, respectively. Attachment 5 contains extracts from DIA's FPCS output specifications.

3. It is requested that the attachments be reviewed to determine whether the output formats now being used by DIA to produce the DoD catalogs are satisfactory for the USIB FPCS catalogs. Your comments regarding the acceptability of these formats should be forwarded to the CODIB Support Staff no later than 21 December 1966. Preliminary indications of the desired distribution of the USIB FPCS catalogs should also be provided at this time.

4. The FPCS Reporting Manual is now at the printers. Each agency is requested to notify the CODIB Support Staff (Code 143, X5618)

Group I
Excluded from automatic
downgrading and
declassification.
S-E-C-R-E-T

S-E-C-R-E-T

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**by 16 December 1966 the number of copies of the USIB FPCS
Reporting Manual it will need.**

25X1A



Acting Secretary

Attachments:

1,2,3,4,5 as stated

S-E-C-R-E-T

Attachment 1

*** SECRET ***

REPORT FILE ORIG.	SEC H/R CLS	DESCRIPTIVE TITLE OF FILE								
WOGSAA	OCCIS	C	X	OPERATIONAL COMMAND + CONTROL INTELLIGENCE FILE						
FILE SECUR. CLASS.	FILE HANDLING RELEASABILITY	INTELLIGENCE SUBJ. CODES	DATE FILE DESCRIBED	DATE FILE AUTOMATED	EARLIEST DATE OF FILE INFO					
S	S	700	6604	6701	6707					
FILE CURRENCY	STORAGE MEDIUM	RECORDING MODE	FILE ORDER	LOGICAL RECORDS COUNT SIZE TYPE	BLOCK SIZE	EXCHANGE COUNT	MACHINE MODEL			
H00	T	D	S	100H 010H F	010H	00	IBM1401			
			INTELLIGENCE ACTIVITIES	UPDATE CYCLE	GROWTH RATE					
			I	R	000U					
GEOPOLITICAL AREAS										
AA AF BT CU DR HA IL IN IR IQ IS JM JO JK										

NARRATIVE DESCRIPTION OF FILE

THE OPERATIONAL COMMAND AND CONTROL INTELLIGENCE FILE RESEVOIR OF RAW AND VALIDATED INTELLIGENCE AND IS OPER ONLY DURING PERIODS OF CRISES. VALIDATED INTELLIGENCE CONTIC IDHS IS USED AS THE INTIAL DATA BASE FOR THE OC A CRISES PROGRESSES OPERATIONAL INTELLIGENCE IS ADDED FILE ON A NEAR REAL TIME BASES SO THAT AT ANY POINT IN THE SYSTEM CAN BE QUERIED TO PRODUCE SUMMARIES OF THE SITUATION FOR COMMAND AND STAFF PERSONNEL.

PROGRAMS PROCESSING FILE

ISL,ISS,ISM,ISRG,

SUBSTANTIVE DATA ELEMENTS

SECURITY CLSF	INTEL EVAL
INTEL ORIGIN	UTM COORD
GEO CORD	COUNTRY CODE

*** SECRET ***

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FILE DESCRIPTION FORMAT

REPORT ORIGINATOR	FILE IDENTIFIER	SECURITY CLASSIFICATION	HANDLING/ RELEASABILITY	DESCRIPTIVE TITLE OF FILE
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FILE SECURITY CLASSIFICATION	FILE HANDLING/ RELEASABILITY	INTELLIGENCE SUBJECT CODES	DATE FILE DESCRIBED	DATE FILE AUTOMATED	EARLIEST DATE OF INFORMATION IN THE FILE
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FILE CURRENCY	STORAGE MEDIUM	RECORDING MODE	FILE ORDER	LOGICAL RECORDS CONT SIZE TYPE	BLOCK SIZE	EXCHANGE COUNT	MACHINE MODEL
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INTELLIGENCE ACTIVITIES	UPDATE CYCLE	GROWTH RATE
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GEOPOLITICAL AREAS

NARRATIVE DESCRIPTION OF THE FILE

FILE DEPENDENCY

PROGRAMS PROCESSING FILE

SUBSTANTIVE DATA ELEMENTS

*** SECRET ***

REPORT ORIG.	PGM ID	SEC CLS	H/R	DESCRIPTIVE TITLE OF PROGRAM		
U10000	GCMS	U	X	GET CHANGE MERCHANT SHIPPING		
PGM SEC CLASS	PGM H/R	PGM STATUS	QPRTNL DATE	MODEL MACHINE	SOFTWARE DEPENDENCY	
Z	S	O	6408	IBM1401 DIRECT INPUT SYSTEM		
PROGRAM LANGUAGE				STORAGE NEEDED	DOCUMENTA- TION STATUS	PGM RUN FREQUENCY
017				008T	C	W
DATE OF THIS DESCRIPTION				EXCHANGE COUNT	SOFTWARE SOURCE	
6512				00	L	

MINIMUM SET OF EQUIPMENT

IBM1401 MODEL E, 8K CORE, 1402 READER-PUNCH, 1403 PRINTER, ADVANCED PROGRAMMING FEATURES, SENSE SWITCHES, HIGH LOW EQUAL COMPARE MAGNETIC TAPE (4), 1407 CONSOLE INQUIRY.

NARRATIVE DESCRIPTION OF PROGRAM

THE GET/CHANGE PROGRAMS (GCBMR, GCTNS, GCMS, GCFV) ARE USED TO PROCESS (AMB, AMT, MS, FV) FILES. THESE PROGRAMS WILL ADD AND DELETE LINE ITEMS OR CHANGE THE VALUE OF FIELD OF INFORMATION WITHIN THE LINE ITEMS. LINE ITEM RETRIEVAL IS PERFORMED BY SPECIFYING THE UNIQUE ACCESS NUMBER OF THE REQUIRED LINE ITEM IN A (GET) CARD. THE PROGRAM WILL SEARCH THE HISTORY TAPE FOR THE MATCHING ACCESS NUMBER AND ONCE FOUND, WILL PERFORM THE NECESSARY MODIFICATION. LINE ITEMS THAT HAVE BE MODIFIED ARE LISTED FOR USER EXAMINATION. ACCESS NUMBERS REFERENCED ON THE (GET) AND (DELETE) CARDS MUST BE ENTERED IN THE SAME SORT AS THE HISTORY FILE. THE PROGRAM WILL CHECK FOR LEGAL CARD TYPES AND FOR PROPER SEQUENCE OF ACCESS NUMBERS. THE OUTPUT TAPE IS IN THE STANDARD HISTORY FORMAT OF THE DIRECT-INPUT SYSTEM.

*** SECRET ***

*** SECRET ***

SEC H/R	DESCRIPTIVE TITLE OF PROGRAM		
CLS			
U	X	GET CHANGE FISHING VESSEL	
PGM	OPRTNL	MODEL	SOFTWARE DEPENDENCY
STATUS	DATE	MACHINE	
U	6408	IBM1401 DIRECT INPUT SYSTEM	
		STORAGE	DOCUMENTA-
		NEEDED	TION STATUS
			PGM RUN
			FREQUENCY
		008T	C
			W
IS DESCRIPTION		EXCHANGE	SOFTWARE
		COUNT	SOURCE
		00	L

MINIMUM SET OF EQUIPMENT

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*** SECRET ***

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PROGRAM DESCRIPTION FORMAT

REPORT ORIGINATOR	PROGRAM IDENTIFIER	SECURITY CLASSIFICATION	HANDLING/ RELEASABILITY	DESCRIPTIVE TITLE OF PROGRAM
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PROGRAM SECURITY CLASSIFICATION	PROGRAM HANDLING/ RELEASABILITY	PROGRAM STATUS	OPNL DATE	MODEL MACHINE	SOFTWARE DEPENDENCY
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PROGRAM LANGUAGE

STORAGE NEEDED

DOCUMENTATION STATUS

PROGRAM RUN FREQUENCY

DATE OF THIS DESCRIPTION

EXCHANGE COUNT

SOFTWARE SOURCE

MINIMUM SET OF EQUIPMENT

NARRATIVE DESCRIPTION OF PROGRAM

Attachment 5

EXTRACTS FROM DIA'S FPCS OUTPUT SPECIFICATIONS

I. General

1. Following are the products of the FPCS:

- a. File Catalog with three indexes**
 - (1) Permuted keyword-in-context index based on file titles**
 - (2) Index by Intelligence Subject Code**
 - (3) Index by Intelligence Activity Code**
- b. Program Catalog with one index**
 - (1) Permuted keyword-in-context index based on program titles**

2. Catalogs will be published in their entirety each quarter until such time as the number of changes is reduced to a point which warrants consideration of an annual publication with quarterly updates.

3. Each catalog will be published in three parts based on security classification of the descriptions.

- a. Part I - unclassified, confidential and secret descriptions**
- b. Part II - SSO controlled descriptions**
- c. Part III - SAO controlled descriptions**

4. All catalogs and indexes will carry the overall handling/releasability restriction of "NO FOREIGN -- CONTROLLED DISSEMINATION". The indexes will carry the same security classification as the catalog to which they refer. Downgrading category of the collected descriptions will be Group 1; the indexes will be Group 3.

5. Catalogs and indexes will be printed on both sides of 8½ x 11 paper. Highest security classification of material in the volume will be printed on each page; no dissemination restrictions will appear on individual pages.

6. All publications will have Code Translation Lists bound with them.

II. Catalog Specifications

1. General

- a. Following are contents of all catalogs:**

Covers
Title pages and Forewords
Table of Contents
Information Directory
Unit Identification Codes
Code Translation Lists (except ISC and Geopolitical Area Codes)
Identification of Computer Models
Descriptions
Distribution List

b. A new description will start on a new page.

c. The major sequence of each catalog will be report originator (Unit Identification Code); the minor sequence will be File (or Program) Identifier.

III. Index Specifications

1. General

a. Following are contents of each index volume:

Covers
Title Page
Table of Contents
Introduction
Unit Identification Codes
Code Translation Codes
Index
Distribution List

b. Each volume will contain an introduction which will include directions for use of the index.

2. File Indexes

a. The three indexes for each part (I, II and III) of the catalog will be published as one volume.

b. Permuted Keyword-in-Context Index

(1) Each line entry in the index will contain the title of the file description in its original or permuted form, the reporting organization, and the file identifier.

(2) Format for the print lines will be:

Descriptive Title	Print Positions 1-56
Reporting Organization (UIC)	Print Positions 63-68
File Identifier	Print Positions 75-80

(3) The major sequence is by permuted keyword in the title; the minor sequence is by succeeding words in the title.

c. Intelligence Activity Code (IAC) Index

(1) Each IAC will start on a new page. The index will contain an entry for every intelligence activity code contained in a file description. Each entry will contain the IAC being indexed, the file title, reporting organization, the file identifier and the Intelligence Subject Code. These codes will not be translated within the body of the index but will be translated in the Code Translation List at the beginning of the volume.

(2) Format for the header and detail lines will be:

Page Header Line

Intelligence Activity Code Print Position 1

Detail Header Line

Owner	Print Positions 2-6
File	Print Positions 9-14
ISC	Print Positions 16-18
ISC	Print Positions 20-22
Title of File	Print Positions 30-44

Detail Line

UIC	Print Positions 2-7
File Identifier	Print Positions 9-14
ISC	Print Positions 16-18
ISC or blank	Print Positions 20-22
File Title	Print Positions 24-79

(3) The major sequence of this index will be Intelligence Activity Code, the intermediate sequence is Reporting Organization (UIC); and the minor sequence is by File Identifier

d. Intelligence Subject Code (ISC) Index

(1) Each ISC will start on a new page. The index will contain an entry for each combination ISC and country code contained in a file description. Each entry will show the report originator and file identifier by geopolitical area covered for an ISC

(2) The format for the header and detail lines will be:

- 4 -

Page Header Line

ISC

Print Positions 1-3

Country Line

Country Code

Print Positions 5-6

Detail Header Line

Owner

Print Positions 7-11

File

Print Positions 16-19

Owner

Print Positions 27-31

File

Print Positions 36-39

Owner

Print Positions 47-51

File

Print Positions 56-59

Owner

Print Positions 67-71

File

Print Positions 76-79

Detail Line

UIC

Print Positions 7-12

File Identifier

Print Positions 15-20

UIC

Print Positions 27-32

File Identifier

Print Positions 35-40

UIC

Print Positions 47-52

File Identifier

Print Positions 55-60

UIC

Print Positions 67-72

File Identifier

Print Positions 75-80

(3) The sequence (major to minor) is ISC, Geopolitical Code, Reporting Organization, and File Identifier.

3. Program Index

Each part of the program catalog will have a keyword-in-context (KWIC) index based on descriptive title. The specifications, format and sequence for this index are the same as for the KWIC index for the file catalog.